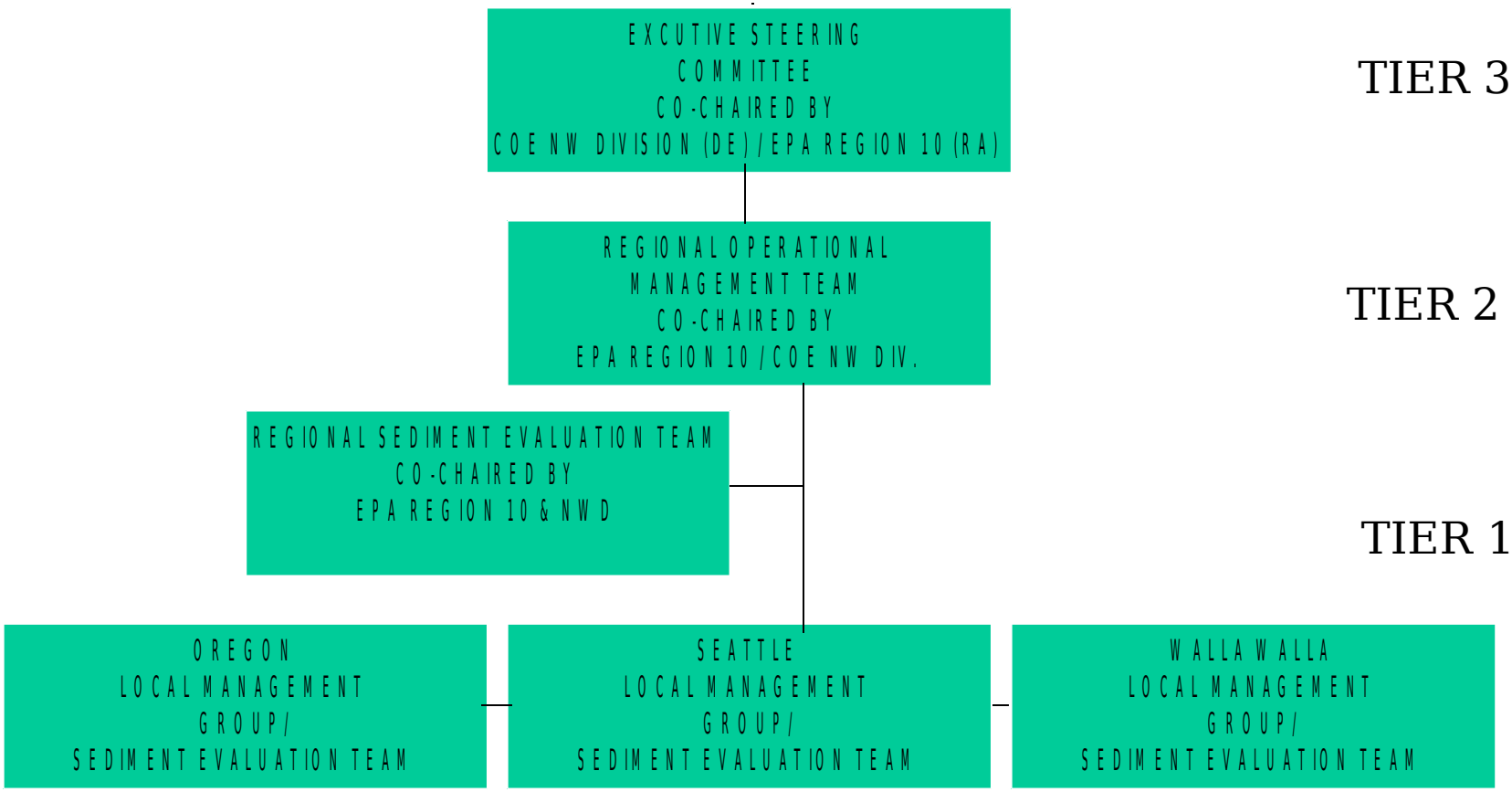
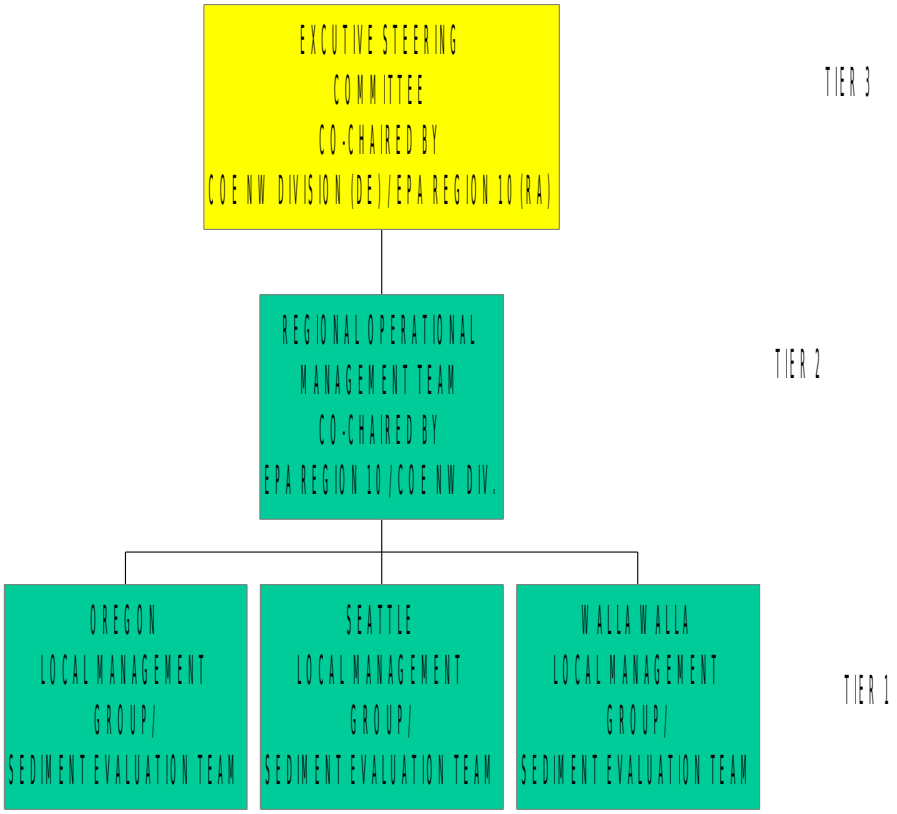
National Dredging Team

DEVELOPMENT OF A REGIONAL DREDGING TEAM
WHO, WHAT, WHY, AND HOW

TIERED REGIONAL DREDGING TEAM


EXCUTIVE STEERING COMMITTEE CO-CHAIRED BY COE NW DIVISION (DE) / EPA REGION 10 (RA)
TIER 3
REGIONAL OPERATIONAL MANAGEMENT TEAM CO-CHAIRED BY EPA REGION 10 / COE NW DIV.
TIER 2
REGIONAL SEDIMENT EVALUATION TEAM CO-CHAIRED BY EPA REGION 10 & NWD
TIER 1
OREGON LOCAL MANAGEMENT GROUP / SEDIMENT EVALUATION TEAM
SEATTLE LOCAL MANAGEMENT GROUP / SEDIMENT EVALUATION TEAM
WALLA WALLA LOCAL MANAGEMENT GROUP / SEDIMENT EVALUATION TEAM

Executive Steering Committee Tier 3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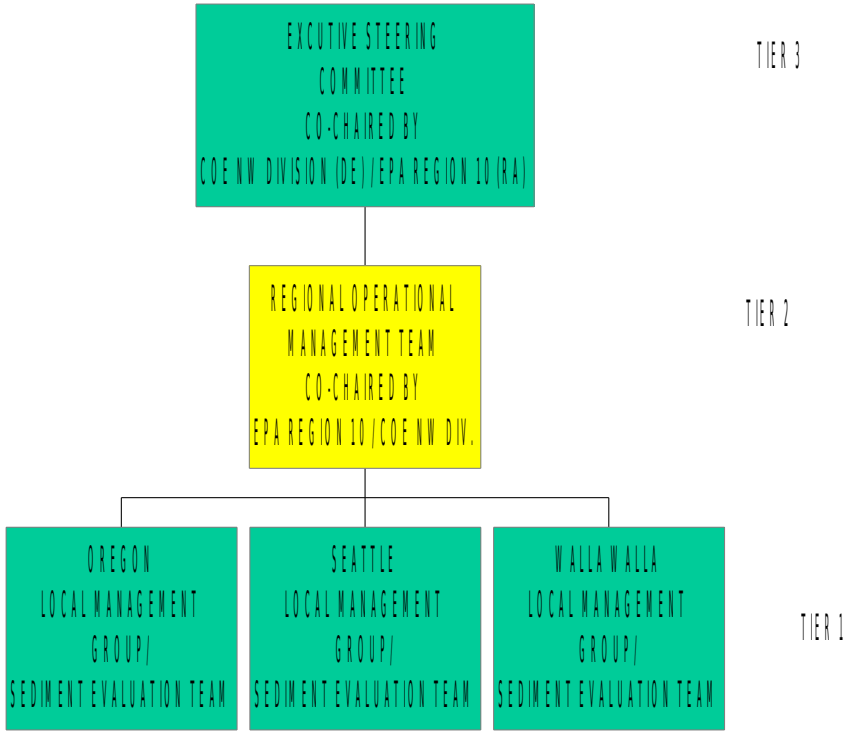
TIER 1

- US EPA Region 10
- USACE NWD
- NMFS
- NOAA (NOS)
- USFWS
- MARAD (DOT)
- As needed State
- & Tribal reps

Regional Dredging Team
Tier 2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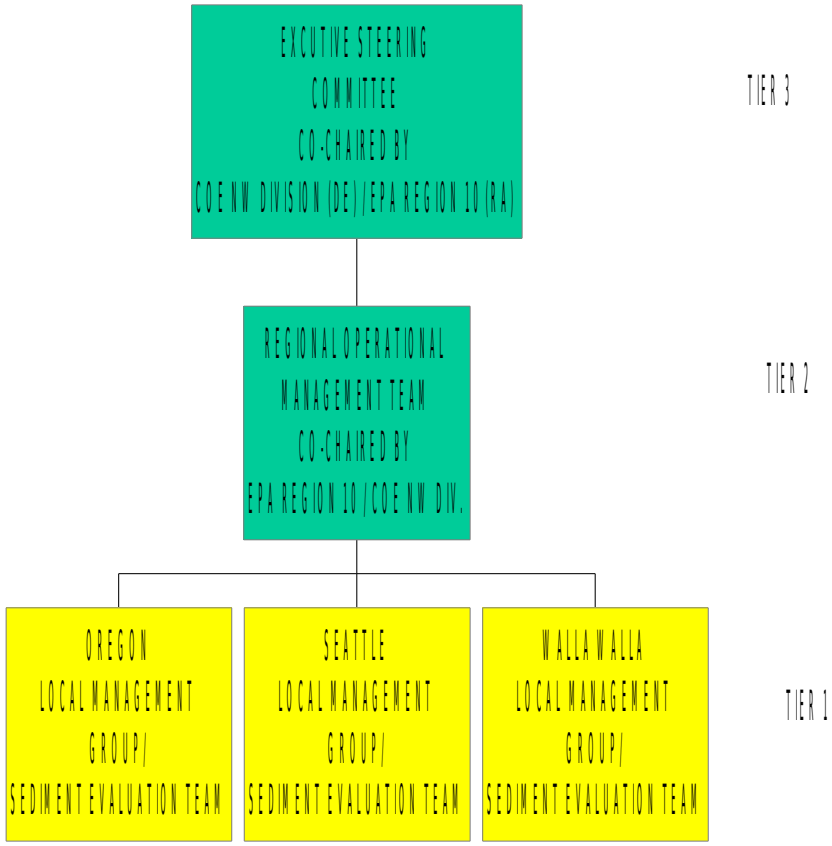
TIER 1

- **This is the operations and management committee made up of:**
- **Technical experts/operations managers from:**
- **Federal**
- **States**
- **Tribes**
- **Invited experts**

Local Management Groups
Tier 1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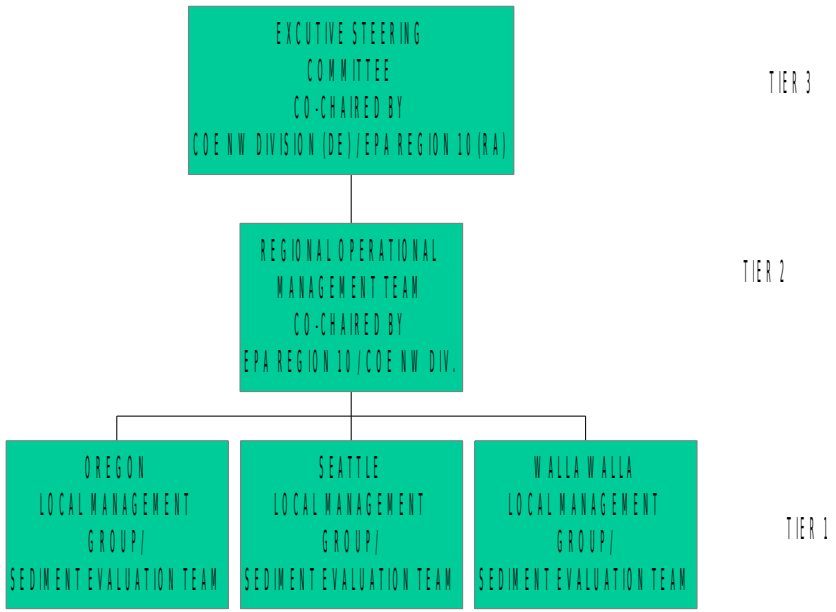
TIER 1

- **Conducts day to day**
- **Resolves all issues possible decides when to elevate**
- **Develops dredged material evaluation frameworks.**
- **Made up of:**
- **Corps district**
- **Federal agencies**
- **State agencies**
- **Ports**
- **Ngos**
- **Tribes**

EPA/CORPS CO-CHAIRS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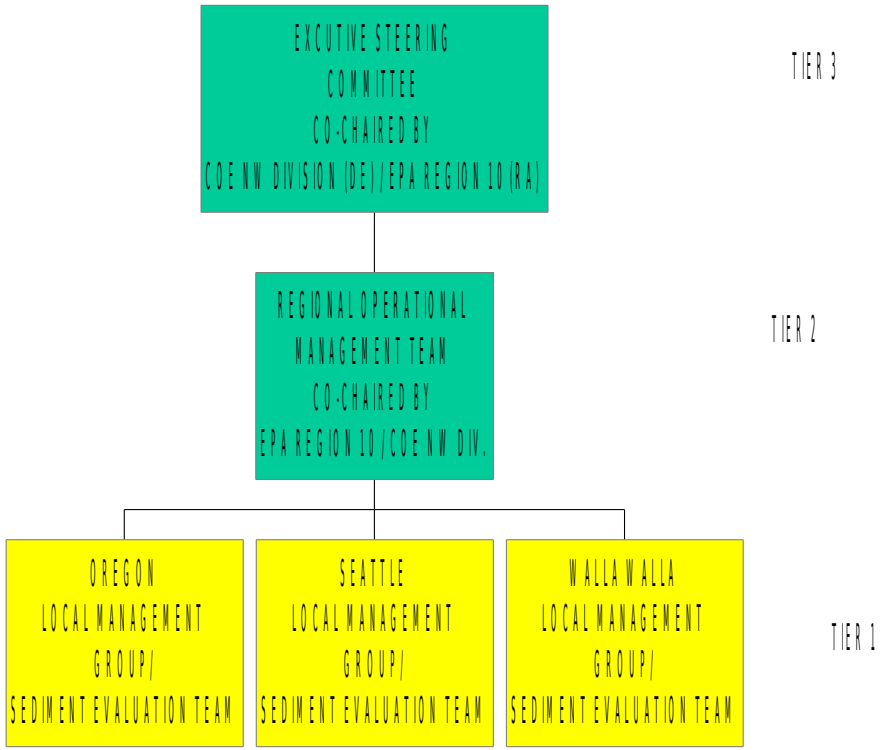
TIER 1

- **Participate with all tiers**
- **Facilitate between tiers and elevate as needed**
- **Chairs RDT and executive steering committee**
- **Attends all national level functions**
- **Presents cases to national team**

LOCAL SEDIMENT EVALUATION TEAM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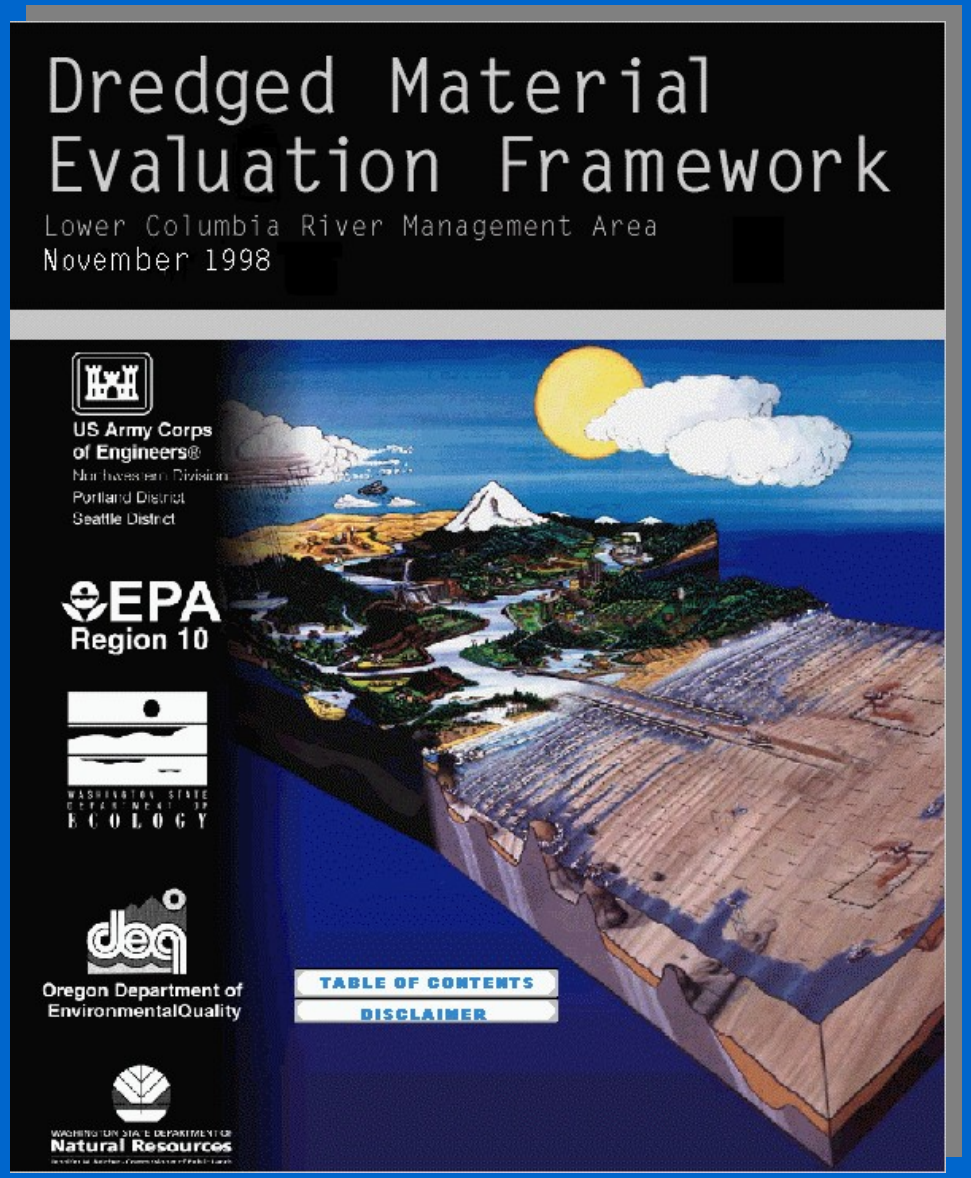
TIER 1

- **Assist all local teams in preparation of dmef, & revisions**
- **Reviews sampling and analysis plans**
- **Reviews & approves results of analysis**
- **Recommends new tests**
- **Made up of:**
- **Federal & state sediment quality/regulatory experts**

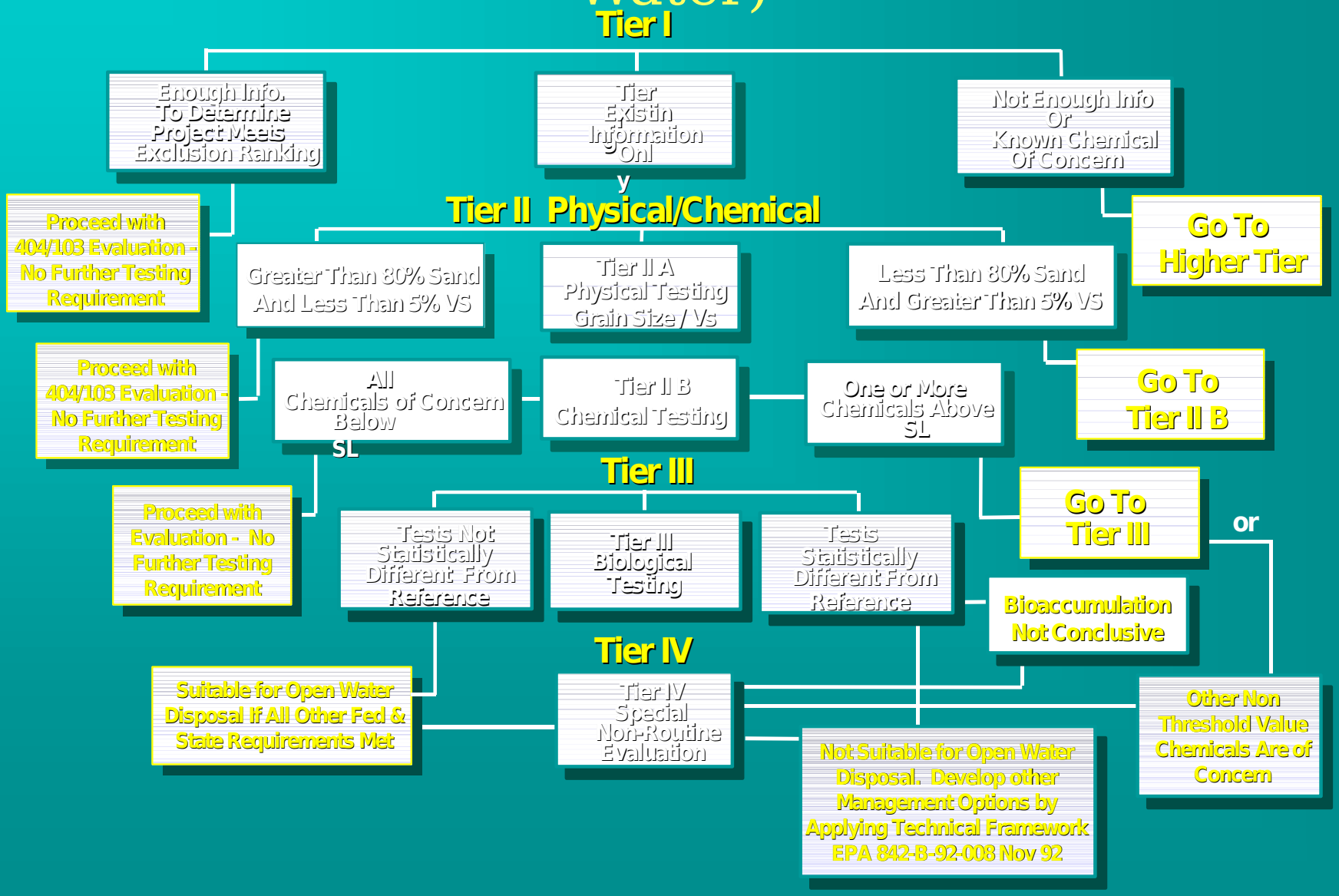


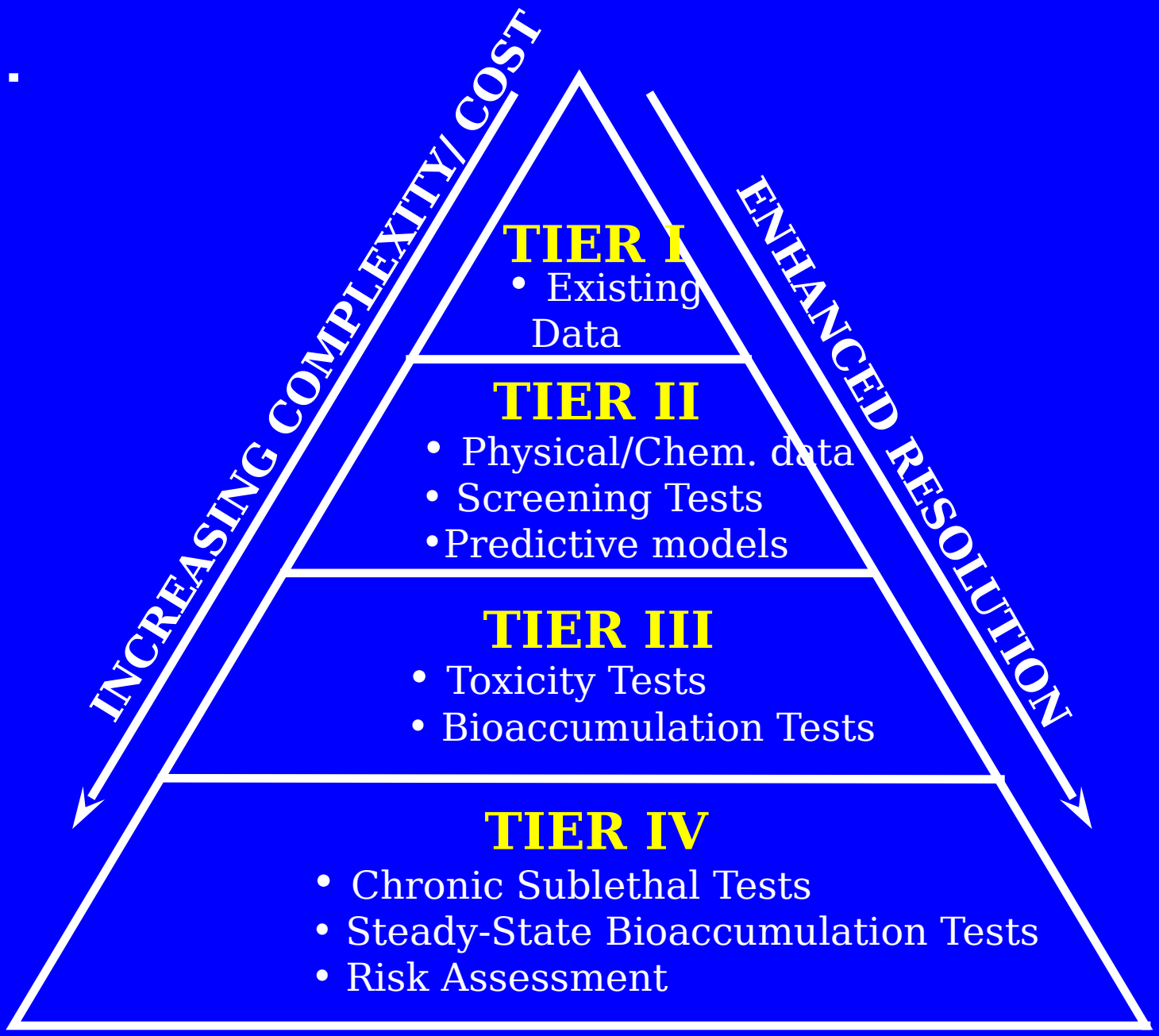
https://www.nwp.usace.army.mil/ec/h/hr/

Navigation Dredging (33CFR Parts 335-338)

- EPA/Corps Technical Framework for DM
- Testing and Evaluation Manuals for Ocean (103) and Inland (404) Waters - National and Regional Manuals
- Ocean Site Designation Manual
- Dredged Material Capping Guidance Manual
- Upland Testing Manual (draft)

Regional Tiered Testing (Open Water)


Tier I
Enough Info. To Determine Project Meets Exclusion Ranking
Tier Existin Information Onl
y
Not Enough Info Or Known Chemical Of Concern
Proceed with 404/103 Evaluation - No Further Testing Requirement
Tier II Physical/Chemical
Go To Higher Tier
Greater Than 80% Sand And Less Than 5% VS
Tier II A Physical Testing Grain Size / Vs
Less Than 80% Sand And Greater Than 5% VS
Proceed with 404/103 Evaluation - No Further Testing Requirement
All Chemicals of Concern Below SL
Tier II B Chemical Testing
One or More Chemicals Above SL
Go To Tier II B
Tier III
Go To Tier III
or
Proceed with Evaluation - No Further Testing Requirement
Tests Not Statistically Different From Reference
Tier III Biological Testing
Tests Statistically Different From Reference
Bioaccumulation Not Conclusive
Tier IV
Suitable for Open Water Disposal If All Other Fed & State Requirements Met
Tier IV Special Non-Routine Evaluation
Other Non Threshold Value Chemicals Are of Concern
Not Suitable for Open Water Disposal. Develop other Management Options by Applying Technical Framework EPA 842-B-92-008 Nov 92


INCREASING COMPLEXITY/ COST
ENHANCED RESOLUTION
TIER I
• Existing Data
TIER II
• Physical/Chem. data
• Screening Tests
•Predictive models
TIER III
• Toxicity Tests
• Bioaccumulation Tests
TIER IV
• Chronic Sublethal Tests
• Steady-State Bioaccumulation Tests
• Risk Assessment

Goal of Regionalization

- To Ensure That within the Pacific NW Evaluation/Testing Procedures and Disposal Site Use Are Consistent with Existing Applicable Federal/State Laws and Regulations, Including Procedures for Periodic Review and Updating

Regional Tiered Process

- Tier I
  - Existing Information Only
- Tier II-A & B
  - Physical Testing
  - Chemical Testing
- Tier III
  - Biological Testing
- Tier IV
  - Special Non-Routine Evaluations